

THIS MONTH WE
SALUTE KENNEDY SPACE
CENTER R.C.
WB4ICJ & APOLLO XII
CREW (See Page 8, Col. 3)

BX 839

FLORIDA SKIP

VOLUME 13 NO. 7

THE ALL-FLORIDA RADIO AMATEUR'S PUBLICATION

DECEMBER / 1969

Price 20c

Latest On W4GJO Case

There has been no decision made by the court one way or the other, but briefs and counterbriefs are still being filed in the Million-dollar TV case in Sarasota. Grid reports a large volume of paper work has been generated during the course of the maneuvering but nothing new has developed. Florida SKIP was first to break the story and

Grid said SKIP will be the first to get the results of the case. So, keep informed, read FLORIDA SKIP and tell your friends.

QRM Haven

A woman dropped in on a friend, the busy mother of 6 to find her sitting calmly under the hair dryer reading - with her hair perfectly dry. The mother grinned and said: "There's perfect peace under there. I turn it to cool, and relay. It drowns out the noise of kids, TV, record players and I can read in comfort."

Free Calendars

Each year as a public service, FLORIDA SKIP sends its subscribers a handy dandy five color calendar. We now have 500 on hand for mailing. All we ask is that you send a self addressed stamped envelope, any size to Box 501, Miami Springs, Fla. 33166 and yours will be returned promptly. We also have 500 single card type 1970 calendars printed in green and red on high gloss stock paper. Both calendars have all national holidays marked. Don't forget the SASE please.

Santa Is Coming

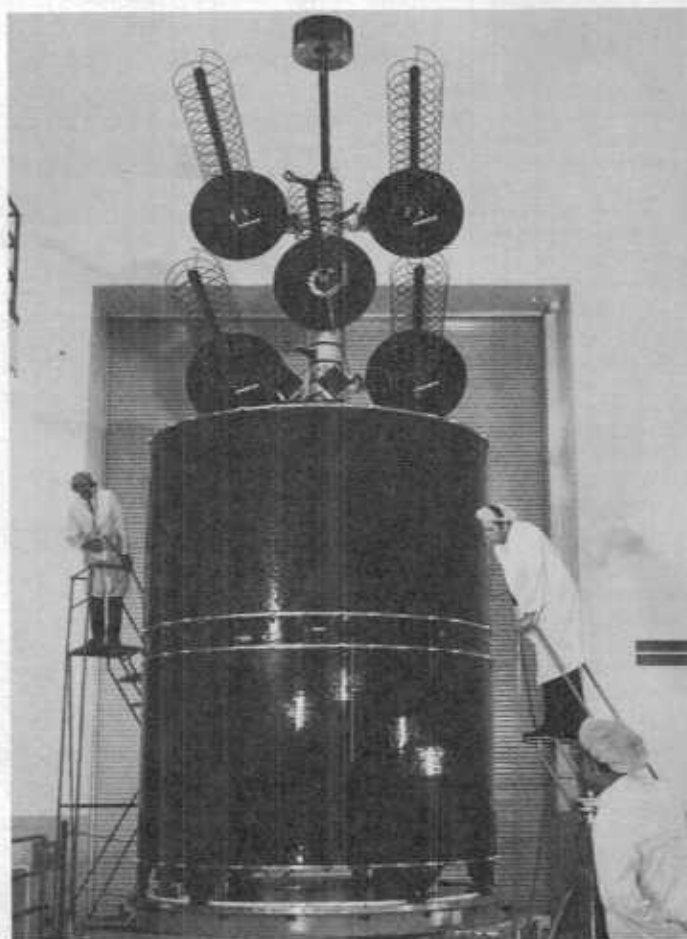
Recently SKIP received a special SANTA-GRAM from the North Pole which said, "Santa will be on 3940 kc. December 20, 1969 at 7 p.m. to talk to all the lil kiddies in Florida and any other state that calls in." It is suggested that "Dad" make sure that "Santa" understands the name of his lil one so he won't leave him or her the wrong gift(s) under their Christmas tree. OK? Don't forget 7 p.m. December 20th on 3940 KC. (Bring your note book.)

Merry Christmas

HAPPY
NEW
YEAR!
FROM



WA4DHU, W4FWI, W4GGQ
W4IYT, W4JO and all
the amateurs that get your
SKIP out each month.



BIG TACSAT - This jumbo experimental communications satellite, built by Hughes Aircraft Company for the Department of Defense, is scheduled for launch from Cape Kennedy aboard a Titan 3-c booster. The 1600-lb. giant, the largest communications satellite ever built, will be used to conduct experiments for the U.S. Air Force, Army and Navy in tactical communications among military units in the field, aircraft, and ships at sea from its stationary orbit 22,300 statute miles above Earth. When in orbit the spin-stabilized satellite's solar cells and outer structure will be spinning at 54 revolutions per minute while the spiral-wound helical antenna array remains stationary pointed at Earth. Engineers are shown here at the Hughes plant in El Segundo, Calif., making a final alignment test of the spacecraft before its recent delivery to the Air Force. The satellite program is directed by the Air Force System Command's Space and Missile Systems Organization. (SAMSO).

-photo via K4DSN

NEW The Classic 20

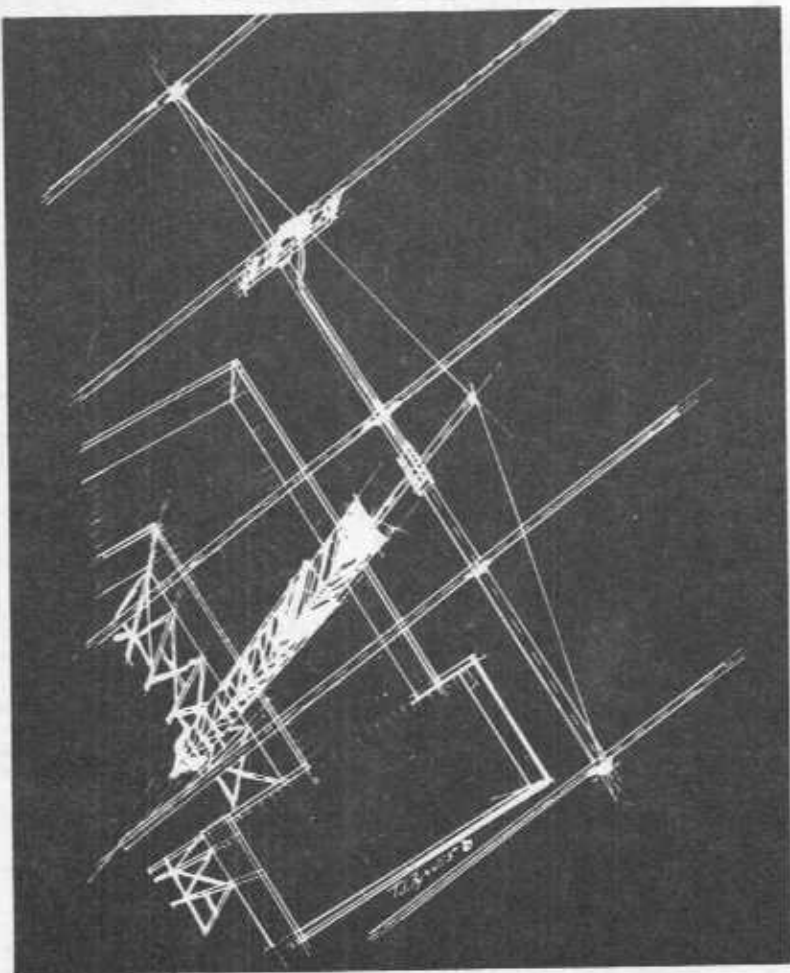
20 METER BEAM WITH

MOSLEY CLASSIC FEED



Joining the Classic line of amateur beams is the Classic 20 for 20 meter operation. A five element single-band beam rated at 1KW AM or 2KW PEP, this antenna features the incomparable Classic Feed (Pat.No. 3419872): Balanced Capacitive Matching. An important feature of all Classic beams, this superior matching system takes advantage of the principle that antenna resistance at the center driving point increases as antenna length increases. Broadened bandwidth, higher gain, and more efficient performance are the results of this improved electrical balance. In addition, the longer boom means optimum spacing, possible only on a single-band beam, for heightened radiation effectiveness.

The rugged Classic 20, like all Classic antennas, is constructed of the best alloy aluminum tubing and stainless steel hardware to prevent corrosion and withstand the rigors of the most extreme climate variations.



AMATEUR RADIO CENTER INC.

"THE ONLY EXCLUSIVELY HAM STORE IN MIAMI"

2805 N.E. SECOND AVE., MIAMI, FLA. 33137

OPEN ALL DAY SATURDAY 'TIL 5:30 P.M.

MIAMI
374-4101

DON'T FORGET WE BUY - SELL - TRADE - SERVICE

FORT LAUDERDALE
524-4484

TROPICAL HAMBOREE

ARRL SOUTHEASTERN DIVISION CONVENTION

January 17-18, 1970

"WHERE THE LATEST IN
HAM GEAR IS SEEN FIRST"

Bayfront Auditorium

PROGRAM INCLUDES:

- * TECHNICAL TALKS
- * RAG CHEWS
- * SWAP TABLES
- * AUCTION
- * OLDTIMERS & QCWA
- * MARS MEETINGS
- * ARRL MEETINGS



* BANQUET

Prizes

REGISTRATION \$1.50

TICKETS PURCHASED
BEFORE JAN. 1, 1970
\$1.00

DADE RADIO CLUB INC.

BOX 73

MIAMI, FLA. 33152



DID YOU EVER HEAR of a Novice cyclemobile? If not, take a look at your first. Left to right: Dick WB4EHG, Larry WN4LOE and his cyclemobile, Don, WB4KUZ, Kathy, WB4GCS, Jim. The SR-42 rides out back. (photo via WB4EHG)

Summer Fun

By Richard Joerger
WB4EHG

Summer is a time for out of doors activities and hams are no exception. On August 25, a group of us here in Titusville decided to have a hidden transmitter hunt. At 9 A.M. we met at the QTH of WB4EHG. The hidden station was WB4GCS, Jim Sanford and his yf friend Cathy Haines. Jim had a Civil Defense SR42 tied to the back of WN4IOE's motor cycle, while Cathy drove Jims cycle.

The two hunting stations consisted of Dick Joerger, WB4EHG and Larry Skidmore together in EHG's car and Don Babcock, WB4KUZ with EHG's brother, Jimmy. Both of the hunting stations ran SR42's, but WB4KUZ had the advantage with a three element beam sticking out of the top of his Pugeot.

At 10 A.M., WB4GCS started making one minute transmissions every three minutes. WB4EHG and WB4KUZ took off in different directions. WB4EHG took five direction readings from all over town and finally pinpointed the general area. We spent fifteen minutes driving back and forth past the hidden station before we finally tried a dirt road that led north into some woods. About a quarter of a mile into the woods we found WB4GCS AND WB4KUZ. Don had been there about twenty minutes. He had taken four direction readings, triangulated and driven straight to WB4GCS. The hunt ended with the losers buying everyone

ALL HAM FAMILY

There are six of us hams in Century, Florida, the most Northwestern down in Florida. We are all brothers. We all enjoy your publication in our shacks every month. We are respectively: Leon WB4ADA of Century and WB4LJO of Port St. Joe; Paul, WB4AIJ of Century; Lincole, WB4AII of Century and WA5VED of Pascagoula; Thurston, WB4BWD of Century and WA5RTY of Pascagoula; Ceylon WB4BWF of Century and Bobby, WB4GQB of Pensacola and WB4MHJ of Century. This is a total of 10 different calls for 6 different brothers.

Can any other family top this? Let us know.

QRK?

There is nothing that will reduce an individuals knowledge to the lowest common multiple than an attempt to put it in written form. Vocally you can benter back and forth with a few well chosen bits of information and then weasel word around the proof of what you say. When you don't know what you are talking about and you put it in written form it comes out looking surprisingly similar to this dribble!

Onyx

cokes and giving winner WB4KUZ a parade back to town.

We had a lot of fun and as a summer activity this can't be beat. In the planning stage is another transmitter hunt with WB4EHG and WN4LOE airmobile

'SKIP'-eroo's

THE BRAIN DEPARTMENT

Unscramble each line of letters and insert them in order in the boxes to the left of them. Each line forms a common word, mostly electronic, which must be in the proper order to give the correct solution. Then unscramble the letters within the circled boxes and place in the box or boxes at the bottom to find the answer to this month's puzzle. Correct solution in next month's "Skip".

NO. 18 "PART PAYMENT"

--	--	--	--	--	--	--

TERSTE

--	--	--	--	--	--	--	--

DTURUAO

--	--	--	--	--	--

AKRCT

--	--	--	--	--	--

EDLSI

--	--	--	--	--	--	--	--

ETCSDTE

--	--	--	--	--	--

RNSIO

--	--	--	--	--	--

--	--

Solution to No. 17

TESTER
READOUT
TRACK

SLIDE
DETECTS
ROSIN

"TRADE
IN"

Have you got a puzzle or a SKIP-eroo? If so, submit complete with solution to K4FQU, 1413 Davis Dr., Ft. Myers, Fla. 33901



HERE IS DICK BLASCO W4DHU, operating portable from the "Show Case 1969" at the University of Florida, Gainesville, Oct. 17 and 18. Dick handled a total of 248 messages from visitors and VIPs. From all reports the amateur set-up at the SHOW CASE was an outstanding hit. All traffic was passed on c.w. Many other W4DFU members participated, of course. (photo via W4DHU)

S.E.T.

Warning all E.C.'s: The Annual A.R.R.L. Simulated Emergency Test will be January 31 and February 1, 1970. Start making your plans now.

Silent Keys

We are deeply sorry to report the passing of the following Florida amateurs:

K4ILB - Daniel O. Smith, Holmes Beach

W4PWZ - Sam Sydorick, Miami

GUARANTEED CUBICAL QUADS

PRE-TUNED—COMPLETE—PRE-CUT—PRE-DRILLED

QUADS ARE BETTER BECAUSE: They have more gain than flat tops, element for element—Are quieter—less static and ignition noise—Possess lower vertical radiation angle—Require less space—(1/2 width of flat tops)—Greater capture area, so better on weak signals—Negligible corona losses—Excellent SWR/Freq. characteristic—Light weight (30 lbs for 2 el, 60 lbs for 4 el) Detuning less from nearby objects. Your choice, bamboo or fiberglass—no aluminum spreaders. Bamboo exceptional quality and half the cost of fiberglass. **SPECIAL DEAL** on purchase of an E Z WAY Tower/quad combination. Free literature.

SKYLANE PRODUCTS

406 Bon Air Ave.,
Temple Terrace, Fla. 33617

A yawn is nature's way of letting married men open their mouth.

The most expensive thing in the world is the girl who is free for the evening.

If all men are born free someone should tell the Doctors.

Heard about the new recipe for a real sponge cake? You borrow all the ingredients.

A lot of people think hams just fool around with radios.

Suddenly, your "fooling around" is frequently the only way of transmitting messages of help and hope. Of course, you didn't become a ham just to help out in a disaster. You became a ham because you just wanted to be a ham. But you've made your hobby an invaluable public service. And FPL is grateful. We remember. A lot of people thought Edison was just fooling around with electricity, too.





- CLUB NEWS -

B.A.R.S.

By Gene Burton, WA4YNW

The Brandon Amateur Radio Society met Monday evening, November 10 at the First Federal meeting room. No program was scheduled, since this was officer election night.



K4JVA
Meets
1st & 3rd
Friday
of each
Month
8 P.M.

**KENDALL METHODIST
CHURCH**
7600 S.W. 104 St., Miami, Fla.

**NORTH FLORIDA
AMATEUR RADIO SOC.**

NOFARS

W4IZ

MEETS
2nd THURSDAY
AT 7:30 P.M.

DUVAL CD HDQTRS.
107 Market Street
JACKSONVILLE, FLA.

ARRL W4/K4 QSL Bureau
PAT PARRISH, K4HXF
R.F.D. 5 - Box 804
Hickory, N.C. 28601

NEW WA4 WB4 WN4
QSL MANAGER.

J.R. Baker, W4LR,
1402 Orange Street
Melbourne, Fla. 32951



W4AB

**BROWARD
AMATEUR
RADIO
CLUB**

SEE DIRECTORY
FOR DETAILS

Also, it was swap, sell, give away night for excess gear.

Instead of a meeting in December, we will have a Christmas party. Don WB4MVM and his XYL Beverly have invited members and guests to their home for the party, which will begin at 6:30 with a covered dish dinner. BARS and the Brandon Junior Chamber of Commerce will team up to make it possible for hundreds of local children to talk by Amateur Radio with Santa Claus at the North Pole. Current plans are that we will operate from a "Christmas trailer" set up December 13 at the Brandon Shopping Center and December 20 at Clayton Plaza Shopping Center. The hours of operation will be from 10 to 4 both Saturdays.

The JC's are taking care of most of the work - trailer, decoration, signs, publicity, etc. We will furnish and operate the gear and help the children tell Santa what they (and their brothers and sisters) want for Christmas.

Plans are under way for a ham radio demonstration for a science club at the local high school.

The Novice Class, being taught by Lou K4ASP, is being well attended.

FLORIDORA NEWS

By Alma Burton, WA4YNX

Dot W4UF just learned that she won second place in the 4 call area in the 1968 Scandinavian phone contest. Her OM George recently had an emergency operation, and is coming along fine. Welcome back to Ernie W4KOH and OM Phil W4BCZ, who are back

to retire in Lake Placid after being in South Carolina for ten years. Ernie, a charter member of the Floridors, formerly from Key West, said they had gained twelve grandchildren since they left Florida. They are unpacking and rebuilding but have a rig on the air.

Also, welcome back to Kayla W1-EMV/4 and OM K4MWS, who are back in Port Salerno for the winter, and to Margaret WB4FYD, who is back in Ft. Myers for the winter.

We were saddened to hear of the death of Jake Horner, OM of Ellie K4RHL, following a long illness.

Our sympathy also goes to Mim W4TUR, whose father dies the day following his 90th birthday.

Betty W4EHN, who already has 800 certificates, is currently a "County hunter."

The annual SPARC-YL's Christmas party will be held Saturday, December 7 at 1:30 at the home of Alma Wright W4VHW, 510 36th Ave. N.E., St. Petersburg. All YL operators are invited to attend. Ask anyone who has attended before - it will be a swell afternoon.

Marge K4RNS helped Friday night and Saturday morning at the Daytona Club booth in the home show in early October.

Marge has bought the Gonset which Art W4FE presented to the Floridors YL's. A memorial fund has been set up with these funds, which will make Art the sponsor of our Floridors contest each October.

Southeastern Florida Floridors had a luncheon on November 12 at the Arrowhead Country Club, Ft. Lauderdale.

I.R.A.R.C. NEWS

By S. T. Walker, Sr. W4FWB

The Indian River Amateur Radio Club's president, Norm Holzweb, WB4EBH, is home convalescing from an operation. Boy, Norm has more get up and go after his operation than I have racing my half-dozen harmonics to the supper table. Our vice president, Jim Hamilton, W8BZY/4, is at the reins in the meantime. Norm can be heard on 146.94 MHz FM.

WA4KJV and K4RBD have chosen 28.805 MHz for a new club freq. on 10 meters. Don, WA4KJV has been working all kinds of AM stations with his 5 watt input converted CB Gonset rig. K4RBD, Ernie, is waiting on a transmit crystal, but in the meantime has retuned his Heath GW-11 up into 10 meters. Converting CB equipment to 10 Meters is an easy way to get a station on with only minor retuning to put it in the Ham Band.

Bill Bohmer, WB4BSH, had to resign as our club secretary because of his work. We appreciate the good work, Bill. Don, WA4KJV has taken over his duties for the remainder of Bill's term. This month our club will hold elections for all offices for the next year.

Our next moon landing mission is in the final count down and all eyes and

cars will be tuned to them till they return safely. We wish them God speed on their journey. One of these days, I hope there will be a Ham out there and work the world from the moon.

We wish to welcome to our area Frans (WN4OTB) and Linda (WN4-ORB) Feldhaus. Frans is a science teacher in Titusville.

TAMPA AMATEUR RADIO CLUB NEWS

By Frank Shannon, K4GT
President

Mr. J. W. Stewart, SCL RR, gave a very informative talk, "Useage of diodes and transistors in control - circuits of modern diesel locomotive engine", at our last meeting, Nov. 3rd. His unique railroad "jargonese" gave us much mirth - humor resulting in excellent attention by those present.

WA4THT, George Orth, by the time you read this, has started his code classes. These will be every Thursday evening 7:30 PM at Tarc Clubhouse located on Davis Island in Tampa. The first class was held Thursday Nov. 6th. We request all to "pass-the-word" to all beginners and those desiring to "up-grade" their "tickets." Code speeds to accommodate all "grades" will be given every Thursday eve. This feature of TARC is "free" to non-members and members. Anyone can "join" classes, even tho they've missed first classes, due to comprehensive code speeds each class night.

W4BTP/4, Frank Ziegler, has volunteered to thoroughly investigate all matters pertaining to operation of our club VHF net with objective of making participation more attractive. VHF net is now "on air" each Thursday, 8 PM on freq. of 51.45 MHz. Some of newer 6 mtrs xceivers have difficulty reaching this "high" in this band.

Welcome to our new members, the Reverend Gary Jefferson, K4ZEF, and Gordon R. Callender. Thanks to Herb Granger as "sponsor" of Gary and to Bill Holleyhead for "recruiting" Gordon! We hope each member will "recruit" new members! We need new members!! We should be able to "balance" the membership "age-wise" - the ole timers' and the "young uns".

Better begin to set-aside some maxuma for the coming annual Xmas dinner for you and XYL! John Fogarty and Marv Bostian will shortly announce firm details. A number of us strongly favor having it at previous location - "Causeway Inn". Good food, private dining room, and lots of "decor" for the XYLs and YLs!

Some of the club's "ole timers" would like to have us "fire-up", again, those good old social "OM & XYL" get-togethers at our Tarc Clubhouse - such as those "wienie roasts" "steaks-on-the-grill" etc., etc. We have the place and the kitchen gear, so let's have your ideas! Tell John Fogarty about it! See you next "issue"! 73, K4GT.

DADE RADIO CLUB, INC.

W4NVU

SPONSOR OF TROP. HAMBOREE

- MEETINGS -
3rd Tuesday
Each Month

At Museum of Science
and Natural History
3280 S. Miami Avenue
Miami, Florida

**FLORIDA SIDEBAND
ASSOCIATION**

Meets Sundays 2200 GMT - 3940kHz

FSBEN - Thurs.
3940kHz
0030 GMT

FAST Net
Daily
3940 kHz
2300 GMT

A FRATERNAL ORGANIZATION
All Sidebanders Always Welcome

GULFSTREAM SOCIETY OF AMATEUR RADIO OPERATORS, INC. By Al Suhr, WB4AID

Busy - Busy - Busy! For the past two months, I have met myself returning around the proverbial corner and have even been accused of talking to myself and answering my own questions.

The Society is pleased to announce another new member. Larry O'Rourke K3LBP/4 has responded to an invitation to participate, above his job as a teaching technique writer for RCA. Larry is an enthusiastic ham and has really fallen into the circle of amateur radio operators.

Secretary Francis Landy, W4OCM, is on an extended visit with relatives in California, during his absence Frank Piverotto, WA4TBN, is acting Secretary and, as usual, has found that Francis left at the right time because the Secretary job has been very active during the past several weeks.

Vice President Richard Kidder, WB4AKH, presided over the regular meeting during my absence. It is certainly a great relief to have competent officers to rely on during emergencies. Dick is the Chairman of the FM Facility and holds classes on FM for those members who are interested. So far, he has had a big attendance. He also teaches theory which will lead to Novice License at a general public class staged by the Society.

Engineer-Trustee Jim Johnson, W4JB2, has been as busy as I have during the past month or so. He is Chief Engineer at WIRK so you know how those work peaks can put one "under" and "out of circulation."

WA4TBN is still sending CW practice on the first four nights of each week at 1900 hours EST on 21.080 MHz with a simulcast on two meters. Frank has done this for more years than most of us like to remember. He has had responses from many hams around the world in this connection.

MERRY CHRISTMAS AND HAPPY NEW YEAR TO ALL FROM ME AND THE GULFSTREAM SOCIETY OF AMATEUR RADIO OPERATORS, INC.

B.A.R.C.

By Jim Wilson W4GDK

Nominees, candidates and homebrew were all present at the Broward A.R.C. meeting for October.

Quite a few of the ARRL candidates attended our meeting and were permitted to speak briefly about their candidacy. We were especially pleased at a comment by one of the candidates who comes from a large Florida city. He said, "We envy your large attendance and congratulate you on the participation of many teenagers." We are all proud of this and have two teenagers nominated as Club officers for 1970. Only if a Club is infused with young blood can it continue to grow.

A considerable amount of "homebrew" equipment was exhibited. The judges awarded first, second and third prizes to the lucky builders.

Further announcement was made of the coming B.A.R.C. Christmas Party. Contrary to a previous announcement, it will be held on Dec. 13 at Tropical Acres at 2500 W. Griffin Rd., Ft. Lauderdale. Easiest approach is on I-95. Take the Griffin Rd. Exit (south of SR 84) and go west about floor blocks. A fine filet mignon dinner and entertainment are promised for \$5.00 per person. For further information and reservations call Minnie Levine 989-2355 or Kay Bullis 524-4870. Reservations must be prepaid. Happy Hour starts at six and dinner at seven.

The Nominating Committee submitted the following slate of officers for 1970. As no additional names were submitted from the floor, these will be our 1970 officials: Pres. Ruth Christian WA4HED; V.P. Ormond Bullis W4PKD; Treas. Richard Gunter WB4CIC; Secy. Harold Wormser, WB4HSB; Communications Mgr. Ted Champagne WB4FLW; and directors: Oliver Lovendahl W4AHZ, James Moran WB4FMZ, Roy McCarty W4RM, Zane McCreary WA4KXI, and Robert Chanter WB4HAG.

B.A.R.C. meets the 2nd Wed. of each month at Broward County Court House at 7:30 PM. Ask the guard on the Main floor for the location of the C.D.-Radio meeting. All are welcome.

DADE RADIO CLUB

By Bob Kirschenbaum WB4JDG

The showcase is passed and things around the meetings are kind of quiet for the time being. There has been no news on getting our station on the air again but someday, if we all have hope, I know we will finally get our station going again.

Talk has turned to "Hamboree" and soon that will be upon us again and the work will begin. The past Hamboree was great and the Hamboree coming up will be even better.

Talk has also turned to our annual Christmas party and where to have it. I almost volunteered my place but discovered that there will be other goings on at my place which I will not attend. The house of an absent member had his house volunteered and approved, he has yet to be informed.

Well, that's it for this month.

SOUTHERN SECTION COUNTRY COUSINS

By Cathy Soehl
W4BAV/AREA ARNS

The appeal, in this column last month, for radio gear or parts any one wished to dispose of, brought some results. We greatly appreciate the items donated by WA4EDW - Doc Crowley and he may be assured all will greatly assist a number of our projects. Others, wishing to contribute radio items, may drop a postcard to W4GHR - Bill Soehl, Project Mgr. or contact the Country Cousins Net at 10 PM any night on 3970 KC.

WA4YVH - Roy and XYL - Mildred Barnes are enjoying assembling their Heathkit Electronic Organ in their spare time.

W4THO - Joe Gray, while doing his good deed, helping with a CD booth set-up, tripped over some wire, causing him to fall, striking his head and shoulder on the concrete floor. Though hospitalized for a couple of days, you can't keep a good man down, so we are happy to say he "bounced" right back and is O.K.

Regret to report under sickness: W4WDX - "Shipwreck" Budd's XYL - Peg, in the Sarasota Memorial Hos-

pital. W4THO - Joe Gray's Mother-in-law in Lake City Hospital. WB4-EZF - Bob Crowder's 81-year-old Dad, in St. Louis, underwent surgery and coming along good. W4WGS - Wilbur Harrison's XYL - Carlene back in the hospital, in Macon, Ga. W4WNW - Errol Hoffman slowly recuperating from operation in July. Our best wishes to all those who are ill and a speedy recovery.

K4MWS - Doc and XYL, WIEMV/4 - Kayla Hale, welcome back to Florida! Bringing both cars back from the N.H. QTH, they kept each other company mobiling. One of our rich "Country Cousins": 2 homes, 2 cars and 2 mobile rigs. Hi!

Country Cousins Hamboree held at Tavares, Fla. on November 8th. Report later on results of a "BIG TIME"!

PLAYGROUND A.R.C.

By Jerry Green

The Playground ARC meeting sounded like "Ye Olde Towne Hall meeting" as interested club members queried the SCM, W4RKH, on ARRL and its actions. It was a good exercise in democratic discussion and although the answers were not all complete nor were the questions all strictly fair, all concerned learned much about the workings, in and out, of the ARRL structure and of the reasons for many events of the past. Needless to say discussion on "Incentive Licensing" took the forefront in the discussion and as usual the results wound up with the same "good guys" and "bad guys". This open discussion is needed throughout amateur radio and the local club meeting is the place for it to occur. I believe all in attendance will be looking forward to another meeting of this type.

Our apology is extended to W4UXW, Randy Cousinsman, who was nominated by members of the club for SCM in this section but according to a letter received from WINJM, the petition contained too few signatures and was received too late. The PARC promises to nominate an SCM for 1971 and have a real "Genuine" election. Meanwhile, the club extends

(Continued on Page 8)

December Specials at...

THE NEW HAM SHACK at Tel-Appliance in Sarasota



Mail Orders Shipped Promptly Anywhere!
Let's Trade!

* CLEAN, GUARANTEED RE-CONDITIONED TRADE-INS *

HT-32 SSB transmitter, nice	\$189.00
75A3 w/product detector, clean	269.00
HT-44 SSB transmitter, excellent	189.00
Viking 500, mint	195.00
NC-303 Dream Receiver	189.00
Communicator III, 6M, perfect	89.00
Viking Thunderbolt Linear	229.00
Eico 753 SSB transceiver, mint	99.00

IN STOCK:

New Galaxy GT-550, National NCX-500, Drake
T-4XB, R-4B, L-4B, MN-2000, Swan 500-C.
Horizon VI L 2000 watt PEP 6 mtr. linear

* We Buy, Sell, Trade Ham Gear

* Expert REPAIR SERVICE,

Alignment

Mail or bring this ad for these special prices.

"GET IT FROM GRID" AT ...

THE HAM SHACK

at Tel-Appliance Center, Inc.

1966 Hillview Street, Sarasota, Fla. 33579

Ansel E. Gridley, W4GJO

Telephone: (813) 955-7161

CLUB NEWS

(Continued from Page 7)

its support to our SCM, W4RKH, and look forward to another period of progress under his leadership.

The Playground ARC sponsored Amateur Radio Display and Traffic Booth will be set up in the Fort Walton Shopping Plaza at the Sears store during the week prior to Thanksgiving. All clubs in the greater FWB area are participating in the booth and their eager help and interest is greatly appreciated. Today a display - Tomorrow a National ARRL Convention!

Welcome to our visitor W5RFD, Howard Grove, who represents Tasker Industries in the Eglin AFB area. We hope that Howard will find the Miracle Strip to his liking and trade his Sooner papers in for a full fledged Fishhead status (an endorsement used in varying degrees of intent to describe local residents of the boondocks of NW Florida).

Last month's column was preempted at the last moment by a large ad received at the last moment. I hope that no one was inconvenienced by our absence. We thank A.C. for keeping the club news in his fine Ham newspaper.

DAYTONA GROUNDWAVE 2

By Richard Cullum WA4OQX

Guess I've been lazy during the summer months and sort of shirked my duties. Even Ground Wave I have been quite a hasser. So will try to make up for three months with this.

During the summer month activities have been down some and we won't even mention field day altho we're improving and still have our eye on that Skip trophy.

Elections have come and past, with a whole slate of new officers preparing to give their all to the cause. Our new president, William Holdich K4GJ, who is retired from NSS, member of the QCWA, and also active on several of the local Nets. Vice President is Ken Trainor WB4HPR, Treasurer is Fred Thoma WB4BPO, who is also our EC and club historian. Our secretary is Marge Campbell, K4HNS who is also a member of the Floridians. Our Activities Manager is Richard Cullum WA4OQX.

The club has just finished a four day traffic session at the Daytona Beach Home Show and with much success managed to come up with a traffic count of 485. Two days later working with the Deland Radio Club set the station up at the Volusia County Fair, and with much foul weather managed to stick it out for ten days.

Coming for the Thanksgiving weekend DBARA will set up a two meter communication system for the Ormond Beach Birthplace of Speed celebration.

Scheduled for December is our annual Christmas party. The party will be at the home of our president on Dec. 15.

Hambone college has just recently sent some hopefuls to Jacksonville for their General and Advanced tickets, and all are patiently waiting by the mail box.

FLORIDA 'GATOR CHAPTER

Hello "GATORS" Sorry we didn't get together last month, old Honest Andy waylaid the copy for last month, inadvertently and was man enough to admit it. But any way we did meet on Oct. 25 at Coquina Key, which is just south of St. Petersburg, Fla. The place is the club house of the Fla. Power Co. employees and a nice Roast Beef dinner was served. We had a total of 75 there and we had such a good time that we are going to have another meeting next month on a Thursday the 20th of November at the same place, and hope to have an equally good time. The ladies are invited to this meeting also. Come by boat or helicopter or car makes no difference. If you're coming down from the north, come down 4th st. to the dead end which is about 36th Ave. south, turn west to 6th st. and south to 39th st. south, turn left or east and cross the bridge to Coquina Key, turn left two blocks past the 7-11 store and follow the signs to Fla. Power club house. If you're coming up from the south, crossing the High bridge on 19, turn right on 22nd Ave. So. and go to 4th St. So. same as directed above.

Reservations by card, letter, qso or phone patch to WA4FIU, Hal Bates, Dunedin, Fla. Roast Ham and Yams for \$2.50. We have to pay for every reservation, so must you. If you are not sure you can make it, order a carte after you get there and forget the reservations. You are welcome anyway.

Bill Franklin W4KC of St. Petersburg and Dewey Villareal, of Safety Harbor, Fla. W4BM were both presented with the QCWA 50 Year Certificates by the Vice Chairman, Wes Edmonds W4TPA who was officiating during the absence of our regular Chairman W4BU - Jim Nicholson who has been ill in the Memorial Hospital of Sarasota, Fla.

The Sec.-Treas. of the "Gator" Chapter of the QCWA wishes to remind you all that the years dues for 1970 are acceptable now any time, \$2.00 in green stamps to cover the cost of mailing all this trivia to you. Happy 807's to ya.

73,

Hal WA4FIU

SUNCOAST ROVING REPORTER

By Cathy Soehl
W4BAV/AREA/ARNS

The Sarasota Amateur Radio Assoc. had a good "turn-out" for their October meeting, when WB4DXB - Ralph Stonemetz gave a most interesting and enlightening talk on "The FET & MOSFET transistor". The Club will welcome any offers or suggestions for future programs. If you have something to offer or know of anyone qualified to speak on an interesting subject, please contact W4WHF - Larry Loper. A Swap Shop is planned for the January meeting. They meet the third Tuesday of each month.

WB4ISZ - Jim Hall and WA4UTE - Guy Mooney were appointed to the Nominating Committee, as election of officers is coming up at the Sarasota Amateur Radio Assoc. in December.

SPARCYS (St. Petersburg Amateur Radio Club YLs) will hold their

Christmas party December 7th, at the QTH of W4VRW - Alma Wright, St. Petersburg. All licensed YLs in the area are invited to attend this annual affair, the only activity of the inactive YL Club in St. Pete. Only requirement is that each YL bring an exchange gift, not to exceed \$1.00.

K4ILB - Dan Smith became a Silent Key, Oct. 24th. He was Communications Officer for the U.S. Coast Guard Auxiliary and, in 1960 was EC and CD coordinator for Manatee County. He was known in the marine circles of lower Tampa Bay as the "Storm Warner", having manned his radio shack diligently through many threatening tropical storms and hurricanes. After funeral services, he was cremated and finally a number of flotilla vessels escorted the funeral vessel to the entrance of Sarasota Channel in Tampa Bay, where his ashes were deposited. Our heartfelt sympathy to XYL - Sara.

SPACE CENTER AMATEUR RADIO CENTER

By Roy J. Durso K4DJN

CQ Contest! CQ Contest!

A good time was had by Al - WA4GMX and Lee - WA4HSL while participating in the CQ World Wide DX Contest at the club station WB4ICJ. Must run out and buy some more log books! The TA-33 is still warm from the activity. Forgot to mention last month that Bill - WA4WBG was winner of a 14AVQ at recent PCARS hamfest. Bill, an avid mobile operator might be considering rear deck mount!

We have a new Apollo certificate committee headed by Dave - K4VTY. Dave is preparing for the onslaught of QSL's following each Apollo launch. Our address is Post Office Box 21073, Kennedy Space Center, Florida 32815. A design change in the certificate is being considered.

We welcome Harold - WN4NRD as a new member. Harold is active on 80, 40 and 15 cw. A visitor (and prospective member) at our last meeting was Ray - WN4NGG.

ARRL affiliation was received recently with lots of literature and a fine publicity package. "Ace" - W4WEU in process of installing an SB-101 in car.

I will have a full report for you on the outcome of the Apollo 12 club operation in my next column. 73/DX

WESTERN FLORIDA NEWS

By Frank M. Butler, Jr., W4RKH

Two more clubs became affiliated with ARRL this month - Five Flags ARA of Pensacola and Playground

ARC of Fort Walton, Pensacola; New hams include WN4OLW, WN4OOW, WN4OQF, WN4ORM, and WN4OUT. The code and theory class is paying off! The FFARA newsletter was named the "Ugly Chicken". WA4WAR was the contest winner. Both FFARA and USNCTC had ham exhibits at the Interstate Fair.

Fort Walton: The City of FWB has purchased a Tri-4 transceiver, as well as a CB rig, for permanent use at the C.D. Center. It is already equipped with 2m FM and 10m AM. W4RET has an HW-17 with FM adapter. WB4ULQ/4, ex-WA4WJV, returned to the area to retire, and also has an HW-17. WN4OQL is a new ham. W4JOZ moved to Valparaiso to be near his sailboat! WB4VE, with assistance from WB4EQU, is now on 2m FM.

Panama City: WB4IXK was appointed EC for Bay County. WA4VTY was active in the CD Party. Blountstown: WA4IBV has a Swan 500 on 75 and 40m from Kinsard, near here. WB4-OPW is a new ham in Bascon.

Tallahassee: WB4FGW is a new club member. WB4ORH is a new ham. WB4LOQ put up a 40m inverted-V.

Perry: WA4GHE was appointed EC for Taylor County. He is on 75m SSB and 2m FM.

NOFARS NEWS

By Billy Williams WA4UFW

NOFARS November meeting featured a panel discussion which answered questions put to it by members. Members of the panel were K4PZW, W4GDD, K4DSN, and WA4-JKY. Topics discussed ranged from phone patching to TXI(). Election of officers was scheduled for November. Meetings are being held in Room 409 of the County Courthouse on Bay St. until further notice. This location is only a block away from the regular meeting place at CD Headquarters.

K4PZW and WB4ADN won prizes for mini-transmitters at the October meeting. A live demonstration of these rigs was included.

Several NOFARS members took part in the recent CQ Worldwide DX Contest. Heard were W4ORT, W4SOE, and K4LK. W4LK was manned by five operators: WA4UFW, W4IAE, WB4-EYX, WB4IAK, and WB4IAC. Also in serious competition was K4DSN.

Speaking of contests, W4ORT was among the QRP national leaders in the 1968 CQWW test. George has a new TH6DX to boost his signal even more.

NORTH PARK

6420 CENTRAL AVE. TELEPHONE:
TAMPA, FLA. 33604 232-3101

NEW IN STOCK!!!

500C, 117XC Supply, 14-117 Supply, Mark II Linear, Swan 350C, Cygnet 260

GLOBE LA-1 Linear \$50
CE 20A w/Deluxe VF \$90
HALLICRAFTER SX-71 \$50

FCC exams were given in Jax during October. Among those seeking to upgrade their tickets were WN4IAH, WA4SQM, WB4EYX, WB4LEQ, WB4IAS.

K4DS is back from a stint aboard ship as radio operator which took him to Houston and New England. Bob was at the Oct. meeting.

The NOFARS training program is scheduled to start just before Xmas according to Chairman K4PZW. Plans call for classes for Novice through Advanced at the present time. Applications are now being taken for the course.

W4FWZ has opened his electronic supply house here in Jax and will cater to the ham. He already has a good supply of Galaxy gear in stock.

FLA. VHF SIDEBANDERS

Finally, I have some news, thanks to Jack, K4NTD down Orlando way. Jack states he is not on 6 at present, but is one of the active ones on 2 SSB. Others in the Orlando area are: Bill - W4ZMY, Ralph - W4ZVX and Bob - W4YJQ.

Down state are: Jay - W4VTJ and Spence - W4HDX. Don - K4QKR in Largo is on 432 SSB now and as far as I know is on 2 SSB along with Dave - W4UWH and Pappy - W4BCL.

Don't know when Jim - W4DPH will get time to get on, but he does have SSB on both 6 and 2. I guess Jim is like me at present, just too busy working for a living.

Also wonder what happened to WB4-AKJ - Ace? Be sure to keep the letters coming in, and I will be trying to get time to get back on soon. I am working on 2 meters AM at present, but very lousy antenna, about 5 watts and on 145,800.

Does anyone plan on 220 SSB. If so, let me or K4NTD know and also all you 2 meter men, try and get an antenna and get it up, THEN use it for something besides a book and like some do. That's about it for this last issue of 1969. See you all 1970.

73 -

Dick, K4LFF

G.C.A.R.C.

At a regular meeting of the GCARC (Gulf Coast Amateur Radio Club) at the New Port Richey Elementary School, on October 16, a TVI Committee was formed with our President Charles Wirtanen appointed chairman. (W4ZY)

We are also conducting code classes for boys from 12 to 112 years old. Anyone interested in enrolling in this class may call Terp (W4VCY) at 937-8871 at any time. The class will cover code and all subjects pertaining to ham stations and the operation of same. Electronic subjects will also be included.

The GCARC is a member of the Pasco County Emergency Net and assists the Red Cross and other organizations in the event emergency communications are required. Our calling frequency is 50.4 Mc.

73,

A. Edw. (Terp) Terpening, W4VCY
Tarpon Springs

**WANTED: MORE TECH
ARTICLES.
\$5.00 FOR EACH
ONE PRINTED.**



NEW MEMBERS OF THE DAYTONA BEACH Amateur Radio Association (K4BV) left to right: WA4OQX, Activities Mgr.; WB4BPO, Treasurer; K4RNS, Secretary; WB4HPR, V.P.; K4GJ, President and WA4JCP 2nd V. P. Watch for their Club listing in the January listing. (photo via W4OQX)

Do You Remember?

When lots of Hams were on 200 meters - Rotary spark gaps - Coherers, galena xtals, variometers, loose couplers, etc. were common - the guy who had a motor generator was wealthy - the sidwinder was really something - cage antennas were supposed to be IT - DX was anything over 200 miles - you tuned up by the neighbors porch light - you had BCI instead of TVI - the war between CW and Spark - call books were 50¢ - QSL's were mostly home made - all equipment was home brew - vacuum tubes were a novelty - you got a license and could work all bands, all frequencies, CW only - the self rectifying Hartley - the Zepp antenna was considered best by a large percentage of Hams - a receiver with an RF stage was remarkable - you burnt your nose with RF off telephone mic in loop modulation - phone was on the other end of band (80) - 20 meter band had a hole in it - you would call CQ and tune the whole band - when your 30

watts got across the country and you were glad you had tried the PP 45's in TNT and it worked - the argument over who invented cathode modulation - 1 watt resistors were 2 inches long - honey comb coils - when the PI net came out - the Harkness reflex - the National SW3 and SW5 - someone invented the superhet - you used a wave meter to calibrate with - the advent of SSB and the resulting furor - no phone on 40 - when The Old Man and Hashi Scratchi were MUST reading - licenses were free - airplanes had spark xmtrs in them - if you can remember ALL this from experience, you are well over 65 - 73, W6CMN/WB4NHH
Destin, Fla.



**ORDER,
ORDER
PLEASE!**

From FCC Regs

In 97.47, paragraphs (a) and (b) are amended to read as follows:

97.47 Renewal and/or modification of amateur station license.

(a) Application for renewal and/or modification of an individual station license shall be submitted on FCC Form 610, and application for renewal and/or modification of an amateur club or military recreation station shall be submitted on FCC Form 610-B. In every case the application shall be accompanied by the applicant's license or photocopy thereof. Applications for renewal of unexpired licenses must be made during the license term and should be filed not later than 60 days prior to the end of the license term. In any case in which the licensee has, in accordance with the provisions of this chapter, made timely and sufficient application for renewal of an unexpired license, no license with reference to any activity of a continuing nature shall expire until such application shall have been finally determined.

(b) If a license is allowed to expire, application for renewal may be made during a period of grace of one year after the expiration date. During this one year period of grace, an expired license is not valid. A license renewed during the grace period will be dated currently and will not be backdated to the date of expiration. An application for an individual station license shall be submitted on FCC Form 610. An application for an amateur club or military recreation station license shall be submitted on FCC Form 610-B. In every case the application shall be accompanied by the applicant's expired license or a photocopy thereof.

AMPHENOL

AND HARD-TO-GET PARTS

- MIL SPEC CONNECTORS -

BENDIX

CANNON

SURPLUS GEAR IN ALL CONDITIONS

ORDER DIRECT FROM
OUR HUGE
WAREHOUSE STOCK

THE HAM SHACK

2211 N.W. 36th ST., MIAMI, FLORIDA 33142 Phone NE 5-0378





FLA. MIDDAY TRAFFIC NET

By Herb, W4LSH

Our Net Manager Clyde, W4SDR has requested that our Net Controls call the Net on 7254 MHz to avoid interference to and from the East Coast Mobile Net. If this works out he will make the new frequency permanent on a later date. He has further requested that all stations move up the band only, when moving of Net frequency. Finally he has requested that check-ins who do not specify a time limit, remain on call for at least one hour or until the Net closes, whichever is the shortest period.

The Net extends our usual cordial welcome to these members who are new on our roster; Charlie, K4HS in Sarasota, Henry, K4AOB in Leesburg, John, WB4LOQ who takes our West Coast traffic to the WFTN. Art, W4BNM in St. Petersburg, Rick, WB4-JRV in Hollywood, Charlie, K4GG in the Manatee ARC in Bradenton, Ken, K4QCG in St. Petersburg and Phil, W4BCZ in Lake Placid.

We all miss Dick, K4LEC who is re-building his beam and his tower. We hear he has had some problems but he is getting them ironed out. Rumor has it that I.J. has "snuck off" to the West Indies. Wonder if he may check in from there.

It's good to have Birch, WB4AIW back with us. Also Fred, W4ZF who hardly got his feet wet after joining the Net last spring, before he took off for the North Carolina mountains. And a warm welcome back to Hink, K4ZED who was very active with us from Dania many months ago and who now fills a much needed spot in Gainesville.

Ted, WB4CBP and Mack, W4DVR both will enter hospitals for tests this week. We sincerely hope we will have good news to report about them, in the next issue.

FMTN held 28 sessions in October 775 stations handled 559 messages for an average QNI of 27.7 and an average QTC of 20.

FLAMINGO NET

The Flamingo Net Bar-B-Q and Auction was held at the PBA Grounds, 2300 N.W. 14th Street, Miami on Saturday, November 8th - It was a huge success with practically all the active hams in the Miami area present. The Flamingo Net (29,044 MC AM) has a membership now over 1200 with one idea - good fellowship.

We are indebted to Carl and Evelyn for the fine barbecue cooking and preparation, you all know that W4DTJ - W4WYR team, Chuck, K4KQ, put the auction over, W4BAL, Bob, Activities Chairman and of course W4-GJ, Walt, Net Control making sure everything went off on schedule. Thank the Secretary, W4GGJ and the Treasurer, W4RWT for their hours of preparation. We are glad to acknowledge the many prizes donated by Amateur Radio Center, Electronic Equipment Company, Electronic Wholesalers, and the Ham Shack. Annual election of officers for the

coming year was by decision to retain last years officers and is a tribute to the good job they have done. Two vacancies, the Activity Chairman and Assistant Activities was filled by W4JO and W4MNN.

The next Flamingo Net activity will be a transmitter hunt conducted by W4GGJ on November 30th. Watch 29,044 MC every Friday evening 7:30 to 8:30 for further or later details on this and all future activities.

FLAMINGO NET

By Bob Kirschenbaum WB4JDG

Activity has been picking up on the net lately, we have had a few new check-ins, both local and out of state and it looks like things will keep improving. We finally had another transmitter hunt on Oct. 26 with WB4FHD as hidden transmitter with me as co-pilot, Kurt W4GGJ found the transmitter first and will be the next hidden transmitter. We had a fairly, in fact a very good, turnout for the hunt.

The net had its annual barbeque on November 8, the turnout was kinda small but those who attended enjoyed themselves very much. Much good equipment was traded or auctioned and many people went home with some very good deals. The food was excellent and all who ate enjoyed. After the eating we had our door prize giveaway and some very nice things were given away.

During the auction the members held the annual meeting and drafted our head bird W4GJ for another term in office as net control. John W4RWT was elected to be treas. again, Frank W4JO was elected to be activities chairman with Charley W4MNN as asst. activities chairman. Kurt was reelected to be sec.

Well, that wraps it up till next month so till then C U on 29,044 next Friday and every Friday at 7:30. 73.

TROPICAL PHONE NET

Our net manager WB4FLW is back with us full time again after getting his equipment repaired. Ted is quite busy with his school work and would appreciate some help from stations desiring to be net controls on TPTN. Some of our good NCS boys have had to leave the net for valid reasons such as work, etc.

W4SCK is off on vacation again we hear. I. J. takes a lot of vacations it seems like, but he surely works hard while he is around and we hope he will be back to help with the Christmas traffic rush.

W4ILE is compiling a new net directory which is going to be a really complete and useful book for all traffic handlers. Don't fail to get your copy when they are available through Fla. Skip.

W4BMG is now on the TPTN roll call from Jax. John is often mobile and has a good signal on that rig, too. Soapbox comment - This has been said about a kilo times before, but

why do so many people insist on tuning their final amplifiers while only one or two KHz from the net frequency? Anyone who can't move at least 5 KHz without having to redip his final must be using a whip or some other type of high Q antenna I don't know about. If you must tune so close to a net for heavens sake tune up on the high side of a lower sideband net so you will cause less QRM. Also remember that when you tune some SSB gear (such as Collins) the carrier appears a KHz or so away from the indicated dial frequency.

Let's see if we can stir up some holiday traffic for our nets this season. Things have been kind of slack lately on TPTN and we can all use the practice. ARL sixty two. W4SMK

QFN REPORT



By Dan Franklin, W4EHY/4

W4BQW, Al, returned from a trip to the cold north, studying all about atomic reactors, to refill his NCS spot. W4SCK, IJ, took off for an extended, well deserved, vacation to Puerto Rico and beyond. It will sure be hard to fill all those traffic schedules that IJ leaves behind empty. W4ILE, Reg, also returned from a month in Maryland. W4FXH, OB, has been doing fine job of net controlling, and results of his recruiting, we have W4DJ, as new Sunday night 4RN rep.

The recruiting of 8R1Y, Des, and K4-LAN, Lou produced new Pensacola OPS WB4DVM John, and W44SSB, who doesn't have a mike. W4BVE, Alan, took a RN5 REP spot, and W4-CVG, Cy has been doing a good job of NCSing on Fridays, W4KHC, Jim took the Friday night 4RN spot. Although, a lot of new ops are working hard, there is still a lot of room left for any more who wish to take a weekly spot on the duty roster. There are NCS, alternate NCS, 4RN and RN5 Rep slots always available. Also K4-GJ the New Assistant Net Manager for SSB Liaison is looking for stations who can operate a little of both cw and ssb.

All members are encouraged to send their comments on the time change of the early session to 7 PM to W4ILE, K4EHY, or WB4JHW.

WB4JHW, Don, has taken over the reins of the net for the next six months. Give him a little help fallas and fals. K4IEK, Bob, has taken over the duties of Assistant Net Manager for NCS's and needs some four or five volunteers for NCS and Alternate NCS jobs. (It is really very eas... try it).

Now is the holiday traffic season and after that comes the SET in January... Everyone should be prepared. Also report your Public Service Honor Roll points to the SCM as well as your traffic totals.

73... BT... K4EHY... AR... N

ST. PETE 7265 NET

By Rick WB4JHV

October has brought us 3 new members, they are: W44YIE, Howard in Miami; WB4HSB, Hal, who is presently moving from Hollywood to a new QTH in Davie (southwest of Ft.

(Continued on Page 12)

TOP TWENTY TRAFFIC TAKERS

Each month we are happy to list the top twenty traffic takers in Florida. Next month we hope to see your call here.

1. WA4SCK	1,235	11. WA4IJH	126
2. K4BV	645	12. WB4GHD	112
3. WA4RQR	561	13. WA4HED	107
4. W4LJK	464	14. K4SJH	101
5. K4QYV	320	15. W8BZY/4	98
6. WB4JHW	310	16. W4EHW	95
7. WB4AIW	305	17. W4DVO	88
8. W4SDR	220	18. W4YPX	87
9. WA4FGH	157	19. WB4LOQ	83
10. WB4HYM	149	20. WA4HDH	71

TRAFFIC HOUNDS

NET	QNI	AVG.QNI	QTC	AVG.QTC	SESSIONS
FMTN	775	27.7	559	20.0	28
FAST	850	31.5	186	6.9	27
QFN	478	8.9	366	6.8	54
GATOR	293	9.5	196	6.3	31
FPTN	466	17.3	156	5.8	27
TPTN	609	22.6	116	4.3	27
WFPN	381	20.0	97	3.6	31

INTELLIGENT SERVICE AT LAST!
I have the goodies — Galaxy GT550
National, Hallicrafters, et al. Parts &
things for you builders! Custom build-
ing to ur specs — 40 yrs. at it. Kits
assembled properly. Freq. calibrating.

Rigs restored.
HOLLISTER ELECTRONICS
1747 Pearl, JAX. Ph. 353-7898

WANTED — WANTED — WANTED
WANTED - NEW UNUSED TUBES
We have largest stock of unused tubes.
Will trade or purchase our unused
excess tubes. All inquiries will be
answered promptly.

U.N. ELECTRONICS, Inc.
1632 W. 31st Place, Hialeah, Fla. 33012
Phone (305) 821-3114



**DISPLAY
YOUR FLAG
PROUDLY
EVERYWHERE**

BLOOD'S AVIONICS, INC.

**AVIATION & AMATEUR
ELECTRONICS REPAIR**

RON K4JXL BILL W4DKS
NORTH PERRY AIRPORT
W. Hollywood, Fla.
33023
Telephone: 987-6541

BUY FROM YOUR FELLOW AMATEUR DEPARTMENT

FELLOW AMATEUR: Here are several
firms that have an interest in YOUR bus-
iness! They have seen fit to support the
FLORIDA SKIP by giving us a little reven-
ue each month in return for your support.
If you have a need for the services listed,
you can't possibly do better than to deal
with a fellow amateur, can you?

1 or 2 LINE NAME BADGES \$1.00
3 LINE NAME BADGES \$1.25

3 or 4 line rubber stamps
call — name — address — city
state and ZIP number \$1.75

1 or 2 line desk plates with gold
or silver frames \$3.50
Please add 25c for postage and handling

FALLERT'S ENGRAVING
121 North "C" Street
Hamilton Ohio 45013

ROHN TOWERS MOSLEY ANTENNAS

For Complete Planning and Erection
Service, call or write:

ED ROLLER K4IA
P.O. Box 894
Punta Gorda, Fla. 33950
(813) 639-2148 or 335-6651

MILK

**NATURE'S MOST NEARLY PERFECT
COMPLETE FOOD**

W4GM — E.C. "Clark" Mattson
Okeechobee, Florida
Producers of Grade A Milk

NOVICE CRYSTALS
Type FT-243 holders — fundamental
frequencies .03% tolerance.
80 meters 3705-3745 kHz \$1.75 ea.
40 meters 7155-7195 kHz 1.25 ea.
15 meters 7034-7082 kHz 1.25 ea.
Add sales tax. Add for postage per crystal:
8c first class; 12c airmail. Specify frequen-
cy desired & nearest available will be sent.
Free list. Satisfaction guaranteed.
NAT STINETTE ELECTRONICS
Umatilla, Fla. 32784

Tedco
of Melbourne, Inc.

Galaxie
Hallicrafters
Elco
Ameco
Johnson

WHOLESALE ELECTRONICS
2678 N. BABCOCK ST., MELBOURNE, FLA.
Ted - WAYDHI Tiny-WB4EJX Ted - W4JHM

ROY'S RADIO & TV



SALES & SERVICE
5527 SW 8th ST., MIAMI 33134
ROY W4ITO — FCC Commercial
Phone: 661-0823

10% Above Cost to Amateurs Only
Cash and Carry

Same Location & Ownership since 1955

**don
simcox**

**ADVERTISING
LAYOUT
COPY**

& ASSOCIATES PREPARATION

CALL 667-4255
5776 COMMERCE LANE, S. MIAMI

Hi — W4IAD / W4TVK — John
Specials on Foreign Tape Recorders,
Radios, Hi-Fi-Stereo Equipment
Parts — Service
SONY TV — TAPE RECORDERS
SAFS, INC.

Authorized Factory Service of Tampa

"HI FIDELITY ENGINEERS"

2115 W. JOHN F. KENNEDY BLVD.
TAMPA, FLORIDA 33606



NORTH PARK T.V.
ONLY SWAN FRANCHI-
SED, warranty dealer in
Tampa. We welcome any
inquiry and will answer all
correspondence.

— **ED KLAR, W4FAD —**
6420 Central, Tampa, Fla. 33604
Phone (813) 232-3101

FLORIDORAS

EACH
TUESDAY
9 A.M.



3933 kHz
ALL YLS
WELCOME

Pres. **W4LKM** V.P. **W4QBY**
Sec. **K4RHL** Treas. **K4WXS**

CHECK YOURSELF ON POINTS LIKE THESE . . .

Are you willing for others to
furnish you wish a peaceful,
orderly world? Or do you real-
ize that you really owe it to
everybody to carry your own
share of the burden?

Do you throw "cold water"
on people who show a bit of
imagination and enterprise in
tackling the big problems of

our day? Or do you give them
the assurance you would want
if you showed similar initiative?

Do you habitually show others
the same warmth and attentiv-
ness that you expect for your-
self? Or are you inclined to be
impersonal and even abrupt in
dealing with others?

Do you tend to make many

judgements about others? Or
do you make it a practice to
"judge as you would be judg-
ed?"

Do you hold grudges? Are you
quick to take offense? Are you
easily hurt? Or do you make the
same allowance for the thought-
less blunders and oversights of
others that you think they should

make for you?

Do you devote to others less
fortunate the time and attention
that you would wish if you were
in their circumstances? Or do
you spend practically all of
your time, energy and money
on self?

The Christophers

NET NEWS

(Continued from Page 10)

Lauderdale). Hal also attends the same school as I do, WB4LFP, Dave in Homestead; is also joining us.

Many of the net members will have been in the Sweepstakes by the time this is read, and it will be interesting to see who brings home Eastern and Western Florida.

We are always looking for new members; and we are looking ahead in the following months with optimism for continued growth.

NCS for October were: WB4IME, and WB4JRV (3). We held 4 sessions with a QNI of 44, an avg. of 11; and a QTC of 8, an avg. of 2.

We welcome all amateurs to our net which meets every Sunday morning at 11:00 EST on a frequency of 7265 kHz. 73, and CU on the net.

GATOR NET

K4COO

Like its counterpart, QFN, Gator Net is an All Florida CW Net with liaison to all "NTS" and maintains regular skeds with private nets for

prompt out of State traffic relay. The Net meets daily at 1330Z on 7115kHz unless skip proves to be too long in which case and after a five minute call-up the NCS will QSY the Net to 3651 kHz. The Net Manager is Tom, K4COO of Auburndale, Fla. The assistant Net Mgr. is Rlj, W4EHW, Miami.

K4COO has been an active Net Member since December 23, 1957. How many years the Net was in operation before '57 is not known. Three, four or perhaps five years, who knows? For sure, GN is 15 years old plus.

Net Control Stations Sunday through Saturday are: WB4HJW, Don, Venice; W4EHW, Rlj, Miami; WA4SCK, U, Vero Bch.; WB4AIW, Birch, Bradenton; K4SJH, Ham, Pompano Bch.; W4DVO, Cy, Tampa and K4COO, Tom, Auburndale. Active Net Members including the above NCS are: K4EHY, Dan, Pinellas Park; W4ILE, Reg, Miami; WB4HYM, Don, Stuart; K4FQP, Jim, St. Pete.; K4LAN, Lou, Pensacola; WA4JHJ, Mac, Venice; WA4LJK, Mac, Pompano Beach and W4IYT, Andy, Miami Springs.

A Section Net Certificate for Gator Net is issued to NET Members who have to their credit six or more QNI's per month for ten months. (Contact your Net Managers as eligibility occurs).

Gator Net is dedicated to Public Service, to prompt and efficient traffic handling and to compatible Code Speed.

SQUIBS

"Well, OM, what d'ya know?" - Let each tell what he knows, and his tale will be brief; Any other way, of time he's a thief . . . "Tks, OM, but I only work DX!" - Slight not what's near, though aiming at what's far. (Euripides said it in 400 BC) . . . "Yes, OM, I chat an hour daily with a ZL." - Pluck a feather from each goose as it flies by, but unless you're one too, do not after one fly . . . An XYL's epitaph: "She made a happy home, but never learned to telegraph." . . . de W4YH2.

STATEMENT OF OWNERSHIP MANAGEMENT AND CIRCULATION

(Act of October 23, 1962; Section 4369, Title 39, United States Code)

1. Date of filing: Sept. 29, 1969
2. Title of Publication: Florida Skip.
3. Frequency of issue: Monthly.
4. Location of known Office of publication: 41 Lenape Drive, Miami Springs, Fla.
5. Location of the headquarters or general business offices of the publishers: 41 Lenape Drive, Miami Springs, Florida 33166.
6. Names and addresses of publisher, editor, and managing editor: Florida Skip, Inc., P.O. Box 501, Miami Springs, Fla. 33166. Editor: Andrew Clark, 41 Lenape Drive, Miami Springs, Fla., Managing Editor: Same.
7. Owner: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.) Name: Florida Skip, Inc. - Non-profit.

8. Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities. (If there are none, so state). None.

9. Paragraphs 7 and 8 include, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, also the statements in the two paragraphs show the affiant's full knowledge and belief as to the circum-

stances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner. Names and addresses of individuals who are stockholders of a corporation which itself is a stockholder or holders of bonds, mortgages, or other securities of the publishing corporation have been included in paragraphs 7 and 8 when the interests of such individuals are equivalent to 1 percent or more of the total amount of the stock or securities of the publishing corporation.

10. This item must be completed for all publications except those which do not carry advertising other than the publisher's own and which are named in Sections 132, 231, 132.232, and 132.233, Postal Manual (Sections 4355a, 4355b, and 4356 of Title 39, United States Code).

Average No. Single
copies each issue
during nearest
preceding 12
months to filing
date

A. Total No. Copies Printed (net press run)	1600	1700
B. Paid Circulation		
1. Sales through dealers and carriers, street vendors and counter sales	0	0
2. Mail subscriptions	1525	1614
C. Total Paid Circulation	1525	1614
D. Free Distribution (including samples) By Mail, carrier, or other means	52	70
E. Total Distribution (sum of C&D)	1577	1684
F. Office use, leftover unaccounted, spoiled after printing	23	16
G. Total (sum of E&F should equal net press run shown in A)	1600	1700

I certify that the statements made by me above are correct and complete.

ANDREW CLARK

Our eyes are placed in front because it is more important to look ahead than look back.

When prices are high, money doesn't talk, it whispers.

He called his wife Echo. She always had the last word.

And one guy who always goes to the top is a barber.

"It can be done", is good, but "it's done" is better.



E-Z WAY TOWERS

Enjoy the convenience and safety of the genuine original E-Z Way Crankup Tilttower. The tower is easily raised, retracted, set at any height by one man... and tilts to horizontal position. More are in use than any other kind... write and find out why!

FOR THE NAME OF YOUR NEAREST DEALER, WRITE:

E-Z WAY Products, Inc.
P. O. Box 17196
TAMPA, FLORIDA 33612

radio amateur callbook

These valuable EXTRA features included in both editions!

- QSL Managers Around the World!
- Census of Radio Amateurs throughout the world!
- Radio Amateurs' License Class!
- World Prefix Map!
- International Radio Amateur Prefixes
- Radio Amateurs' Prefixes by Countries!
- A.R.R.L. Phonetic Alphabet!
- Where To Buy!
- Great Circle Bearings!
- International Postal Information!
- Plus much more!

See your favorite dealer or order direct (add 25¢ for mailing in U.S. Possessions & Canada. Elsewhere add 50¢).



WRITE FOR
FREE
BROCHURE!



RADIO AMATEUR
callbook INC.
Dept. Q, 4844 W. Fullerton Ave.
Chicago, Ill. 60639

GET YOUR NEW ISSUE NOW!

Over 290,000 QTHS
in the U.S. edition
\$7.95

Over 140,000 QTHS
in the DX edition
\$5.95



Florida SKIP DIRECTORY

Each month you will find the following listings. Keep it handy. ARRL Officials are listed free. Florida Nets are listed free upon notification from net manager. Clubs listed for \$12.00 per year. (Free to clubs taking box ads elsewhere.) Any individual amateur may be listed for \$5.00 a year. (The ones who really care.) Let's fill up this page!

ARRL LISTINGS

Director, S.E. Division
CHARLES BOLVIN K4KQ
2210 S.W. 27th Lane
Miami, Florida 33133

Vice Director, S.E. Div.
A.L. HAMEL, K4SJH
220 N.E. 25th Street
Pompano Beach, Fla. 33064

Acting SCM E. Fla.
RON LOCKE W4YPX
7306 Arble Drive
Jacksonville, Fla. 32211

SCM West Florida
FRANK M. BUTLER, Jr. W4RKH
323 Elliott Rd., S.E.
Ft. Walton Beach, Fla. 32548

SEC East Florida
ANDY CLARK, W4IYT
41 Lenape Drive
Miami Springs, Fla. 33166

SEC West Florida
G.D. McKECHNIE, W4IKB
1000 N. 6th Street
Chipley, Florida 32428

Asst. SEC East Florida
KEN STEWART W4SMK
2267 Maple Ave.
Ft. Myers, Fla. 33901

NET LISTINGS

QFN (All Florida)
7:00 p.m., and
1000 p.m. kc. daily 3651 kc.
Net Mgrs.: K4LAN/ WB4HJW

FSBA Sundays
5 p.m. on 3940 kc.

FSBEN Wednesday
7:30 p.m. on 3940 kc.

KNIGHTS OF KILOCYCLE,
Sundays
7:00 a.m. on 3910 kc.

GATOR NET (IGN)
Daily 8 30 a.m. on 7115 kc.
Net manager: K4COO

TROPICAL PHONE TRAFFIC
NET (TPTN)
Daily except Sun., 5 p.m. on
3945 kc.
Net Manager: WB4FLW

FLA. AMATEUR SIDEBAND
TRAFFIC NET
(FAST) Daily except Sat.
6 p.m. on 3940 kc.
Net Manager: WA4NBE

WEST FLORIDA PHONE NET
(WFPN)
6 p.m. on 3957 kc. (2300Z)
Net Manager W4MQQ

FLA. PHONE TRAFFIC
NET Mon. thru Sat.,
7 a.m. on 3945 kc. Net
Mgr: W4NGR

FLA. MIDDAY TRAFFIC NET
Daily except Sun. at 12 noon
On 7255 kc. Net. Mgr. W4SDR

NOVICE HURRICANE NET
(NHN) Sat. & Sun.
2:30 p.m. on 7165 kc.
Net Manager: WN4NCH

OKALOOSA CO. EMERGENCY
NET
Wed. 0130 GMT, 146-940 FM
Net Manager: WB4EQU

ST. PETE 7265 NET
Sundays, 11:00 a.m. EST
7265 kHz
Managers: WB4IHI/ WB4IME

GOLD COAST EMERGENCY
NET
6 Mtrs. 50.445 mc Mon. 2000 local
2 Mtrs. 145.23 mc Tues. 2000 local
WB4CKY, EC Broward Co., Mgr.

CLUB LISTING

BROWARD AMATEUR RADIO
CLUB W4AB
2nd Wed. of month, 7:30 p.m.
Broward County Courthouse
Mailing Address: P.O. Box 8673
Ft. Lauderdale, Fla. 33310
More info. call 522-2606, 522-5674

LAKE AMATEUR RADIO ASSN.,
INC., W4YKY
Meets each Thurs., 8 p.m., EST
Clubhouse, Springdale Ave.,
Bassville Pk., between Leesburg
and Tavares, Florida
Mail to Sec., 1270 Sheridan Rd.,
Mount Dora, Fla. 32757
Phone: 383-4548

HILLSBOROUGH AMATEUR
RADIO SOCIETY, INC. WA4GJJ
Meets 4th Tuesday, 7:30 P.M.
Odd Fellows Temple
6220 Nebraska Ave, Tampa, Fl a.
Mail to: 12112 N. Edison Ave.(33612)
Visitors always welcome

DADE RADIO CLUB, INC.
(W4NVU) 1st & 3rd Tuesday,
Museum of Science 8 p.m.
3280 So. Miami Avenue
Miami, Florida
Mailing address: P.O. Box 73
Biscayne Annex
Miami, Florida 33152

NORTH FLORIDA AMATEUR
RADIO SOCIETY W4IZ
2nd Thursday, 7:30 P.M.
Duval CD Headquarters
107 Market Street
Jacksonville, Fla. 32202

ST. PETERSBURG AMATEUR
RADIO CLUB, Inc. W4GAC
Meetings: 1st Friday
Azalea Community Center
1400 - 72nd St., No.
Mailing Address: P.O. Box 4026
For information phone:
345-0464 or 826-4294

ORLANDO AMATEUR RADIO
CLUB, INC.
3rd Wed., 8:00 p.m.,
First Federal Savings & Loan
on Edgewater Drive. Mailing
Address: Box 13267,
Orlando, Fla. 32809
2 Meter Net - 145.350 kHz
Mon. thru Thur. 7 p.m.
More info: call 644-9896

FLORIDORA YLs (W4FE)
All licensed Florida YLs invited
to join.
Mailing Address:
W4LKM, Annette Thompson
1401 S.W. 14th Court
Ft. Lauderdale, Fla. 33312
Nets: Tues., 1400Z on 3933

GAINESVILLE AMATEUR RA-
DIO SOCIETY, K4DPZ 1st Tues.
8:00 pm, Alachua CD Head-
quarters Basement, County
Court House. Mailing Ad-
dress: 1421 SW 13th Ave.,
Gainesville, Fla. 32601

TAMPA AMATEUR RADIO
CLUB, INC. W4DUG
Meetings: 1st & 3rd Mondays
7:30 p.m.
Club House: Davis Islands,
Columbus & Barbados
Mailing Address: 943 Cimmer-
on Ave., Tampa, Fla. 33603

SARASOTA AMATEUR RADIO
ASSN. INC.
Meets 3rd Tuesday of each month
8 p.m.
At Sarasota Federal (S. Gate Branch)
Club Call W4IE in memory of
Charlie Service

SOUTH MIAMI RADIO CLUB, Inc.
K4JVA
1st & 3rd Friday, 8 P.M.
Kendall Methodist Church
7600 S.W. 104th St., Miami, Fla.
33156
More info call:
446-2478 or 667-4564

FLORIDA PUBLIC SERVICE CORPS

By Ken W4SMK

We have two new Emergency Coordinators in East Fla., John Hollister, W4FWZ in Jacksonville will be working in Duval Co., and Fred Marchman, W4-WBM, from New Port Richey will be EC in Pasco Co. W4-FWZ is a former SCM and has agreed to take over from W4-NKC who had to retire for business reasons. W4WBM takes over the job held by W4-YRU who has moved to another county. Good luck to both of these gentlemen, and please give them your full cooperation.

W4RKH, Frank, who is SCM of W. Fla. is very faithful on the League Official Net. He keeps us informed of happenings in his Section where they have some fine VHF activity and HF nets, also. It appears that W4RKH will be unopposed in the SCM election there.

It is most important that all Fla. EC's send a monthly report this month if you have not done so in the past six months. The reason for this is that twice a year (in June and Dec.) we must send a complete up-to-date report to ARRL listing all changes from the past report. Please send your ARRL Form 5 ASAP via mail or radio-gram. East Fla. reports to W4-SMK, and W. Fla. reports go to W4IKB.

The annual Simulated Emergency Test takes place on Jan. 31 - Feb. 1, 1970. It is not too soon to begin planning for this event. This is the only opportunity you EC's will have to plan an emergency that will suit you. The rest of the year the emergencies will all be unsuitable and unplanned we guarantee. Let's keep Fla. on top again this year in the SET. More on this later.

ARRL fifty eight to all members of the Fla. ARPSC.

INTRODUCING
THE
DELUXE
SWAN
Cygnat



RECONDITIONED
LIKE NEW TRADE-IN
EQUIPMENT

CLEGG	
99'er	79.00
Thor 6/w/AC	119.00
COLLINS	
KWM2 w. Qmult. & 516F2	
#795	695.00
KWM2 w/Qmult. & 516F2	775.00
516 E2 DC	85.00
75A-4	339.00
R-388 / URR	449.00
312B/5	229.00
EICO	
720	39.00
730 Modulator	39.00
465 scope (brand new)	199.00
GALAXY	
Galaxy V Mark II	249.00
RV-1 (VFO)	45.00
GONSET	
77A & AC-DC Supply ...	69.00
Gonset Comm. III 6 Mtr.	99.00
Gonset Comm. IV 6 Mtr.	149.00

HALLICRAFTERS	
SX-115 (like new)	279.00
S-77A	45.00
HA-6 & AC	119.00
HT-37	179.00
SX-101A	139.00
SX-111	109.00
SR-150 w/AC	199.00
HAMMARLUND	
HQ 110C	99.00
HQ 100C	99.00
HQ 180C	199.00
HEATH	
SB 110A w/ AC	299.00
HX-20 & HR-20 w/AC	209.00
VHF-1	99.00
SB-310 w/2 filters	225.00
HW-12 w/DC	99.00
HW-100 AC/DC	339.00
JOHNSON	
Ranger 1	89.00
KNIGHT	
T-60	29.00

- Model 270
- 5 Bands
- 260 Watts
- \$525.00

LAFAYETTE	
HE-144	69.00
NATIONAL	
NC 2-40	50.00
NC 98	69.00
NC 270	89.00
NCX 3 w/DC	199.00
NCX 3 w/AC-DC	219.00
SBE	
SB 34 w/VOX	275.00
BTI	
LK-2000	499.00



NEW ROHN 71 FOOT FOLD OVER TOWER, REGULAR \$395	\$269 complete
NEW ROHN 51 FOOT FOLD OVER TOWER, REGULAR \$321	\$195 complete
NEW SPAULDING-ROHN HEAVY DUTY SELF-SUPPORTING 41 FOOT HINGE BASE TOWER, REGULAR \$175	\$129 complete

HIGHEST TRADES! NO ONE ANYWHERE will beat our deal! We will TOP any advertised or written price from any other dealer. We trade on both new and used equipment and we service what we sell. Instant credit on both new and used equipment. General Electric Revolving Charge and Master Card Credit.

AMATEUR - WHOLESALE ELECTRONICS

A DIVISION OF

 **International Electronic Systems, Inc.**
280 ARAGON AVENUE, CORAL GABLES, FLORIDA 33134
Cable "INTEL" 305-444-6207 Export orders our specialty

ANNOUNCING OUR FLA. WEST
COAST REPRESENTATIVE
MR. HUGH COACHMAN
2375 Coachman Rd., Clearwater, Fla.
Phone: 446-6677
6-9 p.m. Mon.-Fri.
CONTACT HUGH FOR THE
BEST DEAL ANYWHERE!

HAMBAR

HAMBAR services of radio equipment ONLY will be available to all our subscribers, amateurs or non-amateur, at a rate of 25¢ or more for ten (10) lines and 5¢ a word thereafter. There are approximately seven words to a line. Space permits only one ad per month please.

Non-subscribers rate is \$1.00 for ten lines and 5¢ each additional word.

To Commercial Business: Classified, undisplayed - 50¢ per line; Illustrative or General Display with border - \$3.50 min., \$60/page; Initial cost of cuts, additional. Cuts furnished, no charge. Deadline 10th of month.

An Advertising inch is measured 7/8" vertically on one column, i.e., 4 columns - 40 column inches to a page. Rate card by column inch supplied upon request. FLORIDA SKIP, Advertising Department, P.O. Box 501, Miami Springs, Fla. 33166.

FOR SALE OR TRADE: Novice station NC-96 or SX-140 and Viking 1 both \$70.00. Sell separately NC-156 \$25.00, ET-8027 Marine phone xcvr \$15.00 with 32 volt power supply. Misc. tape recorders, eqpt. gear. Sam Thomas WN4NNR, 7704 South Federal Highway U.S. 1, Fort Pierce, Fla. 33450 Phone 305-365-4570.

FOR SALE OR TRADE: FM MOTOROLA U4SGGT-3100C, Private Line, 12 VDC, T-power, 30 watts, 34-76 and .94 crystals, control head, cables, mike, complete and operating, very clean \$200.00 or trade for 110 v.a.c. FM rig. Charles Durst WA4-WTX, 30 D. Player Rd., Indian Harbour Beach, FL 32935 Phone 773-0322.

FOR SALE: Two tri-band dipoles, both with KW tapes, FB for apartments, and mobile homes, etc. HY-Gain 3 BDQ, new \$12.00. Mosley TD-3, used, perfect \$10.00. L. Wolford, WA4QPR, 3500 - 66th St., No. St. Petersburg, FL 33710.

WANTED: Power supply for ART-13 so I can try RTTY. Bill Ross K4-RDG, 705 Bonnie Dr., Lakeland, Fla. 33803.

FOR SALE: Tube tester (with book) model I-1173 in good working condx \$20.00. Hickok tube tester adaptor \$9.00. Howard Stark WA4MTH, 9231 Caribbean Blvd., Miami, Fla. Phone 238-6430.

NEEDED: Schematic and/or manual for Hallicrafters S-36 receiver and same for Harvey-Wells TBS50D transmitter. R. Joerger, WB4EHG, 133 Pinecrest St., Titusville, Fla. 32780.

FOR SALE: Hammarlund HQ-110 receiver 6 thru 160 with clock and matching speaker \$125.00. Heath HX-11 CW 50 watt transmitter \$35.00. Both like new condition. W.E. Holleyhead WB4DMZ, 4511 Longfellow Ave., Tampa, Fla. 33609.

WANTED: Need badly to buy or borrow manual on HQ-170. Joe Trahan W4-UCL, 3633 SW 23rd Ct., Ft. Lauderdale, Fla.

FOR SALE: DRAKE TR-3, Drake AC-3 and DC-3 power supply \$475.00. TR-3 Just been put in A-1 shape by factory. As priced, you pick-up. H. Gatchell WB4H2B, 155 Catalina Isles Dr., Merritt Island, FL 32952.

FOR SALE: Bunnell Cootie key (side swiper) a collectors item that really works \$10.00. Robert J. Sweeney WA4JWV, 1555 SW 21st Terr., Ft. Lauderdale, FL Phone 581-2065.

H E L P. The Univ. of South Florida ARC needs a ham band receiver. Is there a ham in the area who would care to donate one to us? We will pick up. U.S.F. Amateur Radio Club, Univ. of So. Fla. Geography Dept., Social Science Bldg., Tampa, Fla. 33620, care of Glen Jenkins WB4-KTF, Sectry.

SWAP OR SELL: QSL press, 10x12 C & P with accessories will trade for new trans-Key keyer or bug or what have you. Ted Besesparis, WA4-WVK, 726 Lake Osborne Terr., Lake Worth, FL 33460.

WANTED: Beam or Quad, 20-15-10. Also scope, phone patch, SWR meter. Ray La Force, W4GSB, 4123 - 37th St. No., St. Petersburg, FL 33714.

FOR SALE: 41 foot Rohm tower (4 sections) taper top with bottom mount plate. \$75.00. Heath Scope HO-10 \$40.00. Instructor (WW2 rack panel type) code or blinker code capacitor, runs on a.c. or d.c. voltage \$25.00. Arthur W. Lee WB4HHR/WB4M2M, 7 Beechwood Lane, Largo, Fla. 33540 Phone 584-7490.

FOR SALE: Heath Apache TX-1 with SB-10 \$115.00 Charles E. Grogen, K4HHZ, 5510 New Kings Rd., Jacksonville, Fla. 32207 Phone (904) 768-3231.

FOR SALE: One Heath SB-Line. Consists of SB-101 with c.w. filter, HP-23A, SB-600 and SB-610. Xcvr and power supply, 6 months old. Speaker and oscillator both one year old. Total \$540.00, sell \$500.00. Will sell SB-610 alone. Heath Sixer with mike and xtal \$200.00. Johnson Ranger 1, needs work on VFO, sell \$50.00. James Gagliolo, WB4IME, 5501 - 46th Ave. No., St. Petersburg, FL 33709.

COLLEGE STUDENT AT U of Miami must sell: (two) 4 month old Clegg 60'er sacrifice \$135.00 each. Elco 753 and a.c. power supply transistorized VFO, used 15 hours on the air. Mint condition. \$150.00. Clegg 99'er not a scratch new meter, dials and faceplate. \$75.00. \$450.00 takes all. Jeff McDonald, WB2KUQ/4 9152 SW 40th Terr., Miami, Fla. 33166.

FOR SALE: Heath SB-301 receiver with a.m. 3.75 kHz and c.w. 400 Hz xtal filters. SB-600 matching speaker. Both new. Wiring expertly done. Aligned and tested. SBA-300-A, 6 meter converter available, wired and tested. Price cost of kits. Elmer G. Leachman W4BEW, 106 Jamaica Way, Punta Gorda, Fla. 33950. Phone 639-3832.

FOR SALE: Collins 75A3, clean completely overhauled with one filter \$195.00. Vibroplex model "lightening grey base, like new \$15.00. Heath HI-F1 model AJ-31 timer, very clean \$15.00. B&W mod. 591 KW coaxial switch \$3.75. Harvey-Wells TBS-50D with matching a.c. supply \$30.00. KNIGHT VFO 60-10 with manual, self-contained supply \$15.00. ALL FOB. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 Phone 888-3874.

Hallicrafters HT-32 transmitter, very good shape \$165.00. Gonset phone patch with VU meter \$20.00. Jack Williams W4DMI, 6712 Candlewood Dr., Ft. Myers, Fla. 33901 Phone WE 6-5924.

E-Z way tower HD-40P; Hornet Tri-bander TB-750; Hi-Gain 8 element Mod. 28 2 meter beam; Ham-M rotator with control unit and cable. Package deal \$165.00. Will sell separately. E. Huddleson W4HFR, 12 West Hazel, Orlando, Fla. 32804.

FOR SALE: Drake TR-3 with TV-4 remote VFO, power supply, speaker. Excellent condition \$450.00. Pair danish peerless stereo speakers, 12 inch woofer, 5 inch mid-range, dome tweeter, cross over network, like new \$40.00. Have complete Collins S line, 32S-3, 75S-3B, 30L-1, 312B-4, mint condition will sell or trade for KWM-2 with remote 312B-5. Stan Hurst, 4925 Woodland Dr., St. Petersburg, Fla. 33708.

FOR SALE: Elco 720 \$38.00. SX-99 \$75.00. Roberts 1650 4-track ST., like new \$175.00. 8 track 12 v. car player with speakers \$50.00 (Cart). 4 and 8 track deck play and record (Kinematix (cart-type) \$78.00. Two each 40 foot crank up towers, RME VHF-126 converter \$100.00. Heathkit HD-11 Q multiplier \$100.00. Hy-Gain multi-band doubler 10, 15, 20, 40 and 80 meters \$35.00. Robert D. McClaran W4ZGG, P.O. Box 2513, Vero Beach, Fla. 32960 Phone 567-4974 after 5 p.m. Will also trade on above.

FOR SALE: COAX relay, 115 VAC, with extra DPST contacts \$8.50. Heath Balun Mod. B-1, like new \$4.00. Heath Vibrator Tester with meter, like new, can test any vibrator made \$4.50. SWAN D.C. mobile supply, model 312 input input 13 VDC, Nominal 40 A. Max. output 800 VDC, 500 ma., 275 VDC 100 ma; Neg. 110 VDC 100 ma. for SWAN 500C or 350C. Orig cost \$130.00 asking \$65.00. Bandsparner mobile whip with coils for 75, 40, 20 and 15 meters, tilt-over top section, body mount, heavy duty spring \$35.00. Webcor, four-track three speed stereo tape recorder with 2 mikes fresh 7 inch roll of tape, instruction book. \$38.00. All FOB. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, Fla. 33166 Phone 888-3874.

FOR SALE: BC221N signal generator, built-in 110 v. supply book \$55.00 DX-40 clean \$30.00. Johnson pace-maker, SSB-AM-CW \$100.00. Johnson Courier, 500 Watt amplifier, \$100.00. DX-100 all components good but needs work, a steal at \$40.00. HW-29A, very good Sixer & mike \$30.00. All with manuals and average or better condition. Interested in perfect 6 meter SSB transceiver, Drake, Heath 110A or SWAN 250 and PS. Norm Rosedale WB4HZE, P.O. Box 128, Anna Marie, Fla. 33501 Phone 778-1410.

FOR SALE: Viking Vallant, HQ-170 both only \$225.00. Going overseas and equipment too heavy to ship. Call 865-0094 Tues. or Thursdays after 6 p.m. Bob Kirschenbaum WB4JDG, 7505 Mutiny Ave., North Bay Village, Fla. 33141.

WIRELESS intercom, Heathkit model GD-51, professionally wired, like new, the pair \$30.00. Earl Carter W4EU, 360 Westward Dr., Miami Springs, FL 33166, phone 888-7442.

WANTED: Need all band Xcvr under \$350.00. Sell or trade; Lafayette HA-460 6 meter Xcvr with halo, like new. Also BC221-Q freq meter, a.c. supply, cal book and manual. Ed. Enos, W2DBF/4, 2344 Tallahassee Dr., West Palm Beach, Fla. 33401. Phone (305) 683-8077.



By ARC4BND

For a change I have something to report on the positive side. We have another new frequency, however, it is just below our old one at 4591.5 (4590 upper sideband) or eight Kc's down. This is much more realistic in the short run and sounds as though it will be a much better one than 4599.5 was. There is just one slight problem, spanish speaking stations are interfering rather prominently especially to those of us in South Fla. AFA4KT, Poncho AFA4QJZ John Hill are taking steps within their scope and power to attempt to correct this situation. Here in the Miami area AFC4LMQ Randy Carter has filed an interference report with the monitoring station in Ft. Lauderdale on behalf of AF MARS. Randy incidently is checking into area 2 net with a home brew transmitter and listening in on a home brew receiver. The transmitter at this location sounds better than a lot of commercial rigs on at this time! Who said home-brewing was a lost art? Too bad more of us haven't the time or inclination to do this. Everything I've built has given me a satisfaction hard to describe. Try it sometime and see what I mean.

To get back to the interference for a moment, all stations capable of it are urged to get on Area net with as much power as they can, up to the legal limit which on this frequency is 400 watts to the antenna as often as possible in an effort to discourage the interfering stations from using the frequency. It has been determined that they have no right to this frequency. Remember though, intentional interference is illegal, however, skeds during free time when no net is meeting for the adjustment and trial of equipment is legal.



By Bill Waldo, Sec'y. W4PI

Citrus Chapter of the QCWA will hold its third and Christmas Meeting at Gibson's Restaurant in Tavares, Fla. at 12:30 PM Saturday afternoon, December 6, 1969. The Ladies are invited to come along; they will enjoy this beautiful section of our state. Gibson's is located on Old 441 in the city of Tavares, and may be approached from Rte. 19 on Lake-shore Blvd. past the new Methodist Church. We hear that the meals are excellent, a wide variety on the menu, priced from \$1.60 to \$2.00. This is not a reservation-type dinner; however, please advise the Secretary by card or QCWA Net whether you plan to attend, so we can give owner Dan Waring an attendance estimate. All QCWA members, whether members of Citrus Chapter or not, are invited to join us for this splendid renewal of long standing friendship.

The Meeting will be under the direction of our Chairman, Art LaPlant, W4SRG, of Winter Park, and Citrus Chapter's Section Chief for the Leesburg/Mr. Dora Area, Owen A. (Tommy) Thompson, K4LV, Three Lakes, Ret. 1, Umatilla, Fla. Contact Tommy for local details and arrangements for the meeting.

If you reside in the general sixty mile radius area, centered in Orlando; and wish to join Citrus Chapter, contact Bill Waldo, Sec'y. or Tommy Thompson, Section Chief, at the meeting. Also, join our net on 7263 Kc on Saturdays at 1:00 PM for the latest details of Citrus Chapter activities and some good ole' chatter with old friends.



CONGRATS TO APOLLO XII CREW, Bean, Conrad, Gordon.

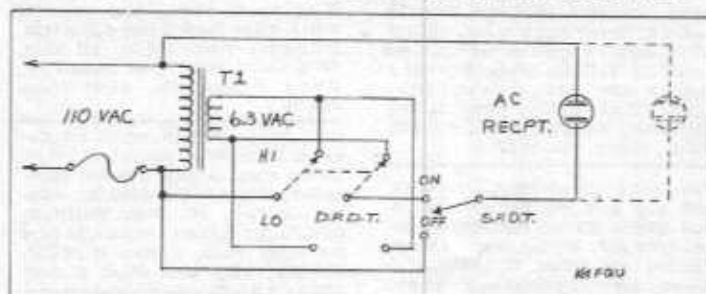
Simple Soldering Iron Heat Control

Stan Bittner, W4JKK

A small increase in voltage will often times let those little pencil type soldering irons do work they are not designed to do. At the same time, reducing the voltage will save many a corroded tip. Here is an easy system that will increase the line voltage slightly for heavier work or decrease it slightly to save the tips. It also provides for normal voltages.

The transformer is a 6.3 volt filament transformer which can usually be found in any junk box. The HI-LO switch is any D.P.D.T. and the ON-OFF switch is a S.P.D.T. All components can be mounted in a deep duplex outlet box together with as many convenience outlets as desired. The fuse is optional and a pilot light may be desirable.

The resulting voltages should be near 110VAC standard line voltage plus 110-6.3- 116.3VAC or 110-6.3VAC-103.3 VAC.



Skip-A-Longs

Wives are like fishermen. They brag about the ones that got away and complain about the one they caught.

Wish I'd said it first; If you can't hear a pin drop, there's something wrong with your bowling.

With the keen knife of experience we remove the cataracts that blinds our own eyes.

The fence around a cemetery is foolish, for those inside can't come out and those outside don't want to get in.

A wedding ring may not be as tight as a tourniquet, but it certainly stops the wearer's circulation.

Success has always operated on the serve-yourself plan.



ARMY MARS

By Kris Krysiak
A4FCP

It looks like there will be a lot of activity on the "J" net now that some equipment has been issued to the members. We are all going to be waiting to see how it will all work.

We are all sorry to hear that "MOMMA" the xyl of A4WDX is in the hospital and not doing so good. Joe AD4TZI is still very weak.

The Procedures Officer seems to be lecturing into outer space because after listening to some of the members in their procedures we get the impression that we should all get into the proper orbit and knuckle down to GOOD operations, meaning clear, concise and correct. In that way it will be easier on the NCS as well as all the rest of the members. Remember that we are all training for the time when we may be needed. In the same vein, we should try to get on frequency because the NCS and members can not be chasing around looking for you. So lets get with it.

We hope to have an article on the picnic in the next issue of SKIP as well as a picture if everything turns out OK.

We'll take this time to hope that you all have the happiest holiday season and that the new season coming on us will be the best ever.

We have just learned that our Procedures Officer has sent his resignation to the District Director. Sorry to hear that as he was doing a good job. Now the director will be looking for a new P.O. Any volunteers????

Ex-Calls

HAVE you sent in your EX-CALL? Many an old friend has been reunited through this column. Editor.

WB4LUE ex KZ5DK
W4RES ex W3DEH
W4NXF ex K9HVE
K4CV ex 3NF, 3ATX, W3APX, K2FX.
K4LQ ex W8BW, W4FQX, W8-KNP.

FLORIDA SKIP

TRAFFIC MEN!
NOW HEAR THIS.....
We have
a new supply of
**HIGH QUALITY PAPER
MESSAGE BLANKS**
Ptd. Red on White
100 Blanks to Pad
Pkd. & Shpd. Postpaid
2 PADS FOR \$1.00
ORDER TODAY!
NEW PRIORITY BOX
FLORIDA SKIP
THE ALL FLORIDA RADIO
AMATEUR'S PUBLICATION
P.O. BOX 304
MIAMI, FLA.